

## STATE OF MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LANSING



February 8, 2007

Mr. Brian L. Gifford, Project Manager Hart Wastewater Treatment Plant Wade Trim, Inc. 271 West McCoy Road Gaylord, Michigan 49734

Dear Mr. Gifford:

Review of the Hart Septage Receiving Facility operating plan is complete. The operating plan is approved. The plan meets the requirements outlined in Section 11715b of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

The receiving facility must operate in accordance with the approved plan. If a change in operations or conditions is anticipated, please file an amendment to the plan at least 30 days prior to the proposed date for implementation.

Thank you for your continued environmental stewardship and service to those in the recreational vehicle community. If you have any questions regarding this matter, please contact me.

Sincerely,

Brett A. Wiseley

On-Site Wastewater Unit

Drinking Water and Environmental Health Section

Lansing Operations Division

Brott a. Wesy

Water Bureau 517-241-1452

BAW:CKP

cc: Mr. Thomas Reichard, District Health Department No. 10, Oceana County

Stan Rickard, City of Hart

Grand Rapids District Office, DEQ

#### DEQ Septage Receving Facility Checklist

Name of Septage Receiving Facility:

DEQ Reviewer: BAW Review Date: 1/29/07

Address of Septage Receiving Facility:

2687 N. 88th Ave, Hart

Facility Contact: Telephone Number:

Brian L. Gifford, Wade Trim Ops 231-873-2259

The following information must be submitted in the Operation Plan in order to receive DEQ approval:

Requirement  1. Location of septage RF.	<u>Yes</u> X	<u>No</u>	<u>Comments</u>
2. Hours of operation.	X		
3. Categories of septage waste the RF will receive.	X		
4. If food establishment septage is accepted, how is the RF ensuring that the FES meets the 1:3 ratio mandated by law? (Not OP req't.)	X		
5. *Fee structure charged to hauler.			RATE NOT IN PLAN \$0.05 / GAL
6. *Service area (septage acceptance) description of RF defined in detail.	X		Contract disposal only
<ul><li>7. Notice of proposed operation plan:</li><li>a) Was it mailed to county HD and legislative body of each city, village and township located in whole or in</li></ul>	X		
part of the service area?	Χ		

## Septage Receving Facility Checklist Name of Septage Receiving Facility:

Requirement 7. Notice of proposed op. plan,	Yes	Νo	Comments
continued: b) Was it public noticed in the local newspaper?	X		
c) Was it posted on the facility website?			N/A
8. Did the notice contain the following? a. Statement that the RF proposed to or is currently receiving and will continue to receive septage waste for treatment.	X		
b. Statement in the notice that the proposed operating plan is available for review during normal work hours.	X		
c. A request for written comments on the proposed operation of the RF and the deadline for receipt of such comments, which shall not be less than 30 days after publication, posting, or mailing of the notice.	X		
d. Receiving facility capacity.	X		
I) Hydraulic capacity:	X		
II) Organic capacity:	X		
*III) Wet weather operation considerations (CSO & SSO)		X	PLANT HAS NO CSO'S SSO'S
9. Other conditions established for the RF.	X		

<sup>\*5.</sup> Fee structure - must be justified and reasonable in accordance with standard accounting practices.

<sup>\*6.</sup> This should be both written and illustrated on a map of the area. The service area information should include whether or not there is a county ordinance that also defines what they can or can't

**December 20, 2006** 

Matthew Campbell
Septage Waste Program Coordinator
Water Bureau
Department of Environmental Quality
Constitution Hall, Second Floor – North
P.O. Box 30273
Lansing, MI 48909-7773

Groundwater Section
WELL CONSTRUCTION UNIT

DEC 2 7 2005

Dear Mr. Campbell,

Enclosed is the Public Notice of the City of Harts intention to accept septage waste at its wastewater treatment facility located at 2687 N. 88<sup>th</sup> Avenue in Hart Township, Ml. Included with the notice is a copy of the City's proposed Septage Acceptance Operating Plan as required under Part 117 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended October 12, 2004.

The Public Notice was printed in the Oceana Herald Journal's November 30<sup>th</sup>, 2006 edition, and a copy of the notice was also mailed to the Oceana County Health Department. To date no phone calls or written comments have been received by the City of Hart, and no requests have been made to review the copy of the proposed Septage Acceptance Operating Plan which is available to the public during normal business hours at the Hart City Hall.

If you have any questions after your review of the proposed Operating Plan, or if modifications of the Operating Plan are required, please contact me at (231) 873-2259 or (231) 425-0225.

Sincerely

Ɓrian L. Gifford

Project Manager, Hart WWTP

Wade Trim Operations Services

Cc: Tim Truax, Wade Trim Operations Services

Stan Rickard, City of Hart

Wade Trim, Inc. 271 West McCoy Road P.O. Box 618

Gaylord, MI 49734

989.732.3584 800.968.4440 989.732.6391 fax www.wadetrim.com

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# NOTICE OF THE CITY OF HART'S PROPOSED SEPTAGE ACCEPTANCE OPERATING PLAN

This Notice and Proposed Septage Operating Plan have been developed under the requirements of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended October 12,2004.

The City of Hart proposes to accept septage waste at its wastewater treatment facility located on 2687 North 88<sup>th</sup> Avenue in Hart Michigan. Acceptance of septage waste is contingent on the following; 1) Suitable approved pretreatment of waste including screening of plastics and other debris and removal of inorganic grit. 2) Acceptance is screening of plastics and other debris and removal of inorganic grit. 2) Acceptance is contingent on the condition of adequate plant capacity to treat the additional loading from such waste. 3) Acceptance during "frozen ground" conditions during which time land such waste. 3) Acceptance during "frozen ground" conditions during which time land application by the septage hauler is not allowed under current Michigan Department of application by the septage hauler is not allowed under current Michigan Department of Application by any business and/or individuals seeking to dispose of septage waste at the Hart wastewater treatment facility and issuance of a Septage Disposal Permit upon Hart wastewater treatment facility and issuance of a Septage Disposal Permit upon approval by the Wastewater Superintendent and the Hart City Council.

A copy of the Proposed Operating Plan is available for review at the Hart City Hall at 407 State Street in Hart during normal business hours of 8:00AM to 5:00PM. All written public comments are welcome and can be mailed to the Hart City Hall at the address public comments are welcome and can be mailed to the Hart City Hall at the address piven below. Make all comments to the attention of Stan Rickard, Hart City Manager, or to Brian Gifford, Hart Wastewater Superintendent. The comment period deadline will be 30 days from the publication of this notice.

City of Hart 407 State Street Hart, MI 49420

#### CITY OF HART- PROPOSED SEPTAGE ACCEPTANCE OPERATING PLAN

This Proposed Septage Operating Plan has been developed under the requirements of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended October 12,2004.

#### 1) General Information

Public Notice of the City of Harts intention to accept septage waste at the Hart wastewater treatment facility (WWTP) was given in the Oceana Herald Journal edition published on November 30, 2006, and a copy of this Operating Plan was made available during normal business hours at the Hart City Hall, 407 State Street in Hart for a thirty day comment period after publication of the notice. A copy of the notice was also provided to the Oceana County Health Department and the Hart City Council.

The Hart Wastewater Treatment Facility is located at 2687 North 88th Avenue, Hart Michigan. The plant hours of operation are 6:00 AM to 2:30 PM, Monday through Friday. Weekends are covered on a part time basis, with staff on site between the hours of 7:00AM and 9:00AM to make a daily rounds check and run laboratory. Septage will be accepted during the week during regular hours, and on the weekend only if prior arrangements have been made.

#### 2) Categories of Septage Wastes Accepted

Domestic septage and food establishment septage will both be accepted at the Hart WWTP. All grease trap waste will be required to be mixed in a 1 to 3 part ratio of restaurant derived waste with domestic septage prior to disposal at the WWTP. No domestic treatment facility waste will be accepted at the City of Hart facility.

#### 3) Receiving Facility Capacity

The Hart Wastewater facility has a discharge permit capacity and a maximum design capacity for an influent BOD of 30,000 Pounds/Day as a daily maximum, and 18,000 Pounds/Day as a design average daily loading. The facility has a design maximum daily flow of 2.0 MGD and a design average daily flow of 1.0 MGD. The current peak loadings and flows to the facility leave an available average design capacity of approximately 2,000 Pounds/Day of BOD and 0.300 MGD. The anticipated volume of septage during frozen ground conditions is estimated to be at 150,000 gallons for the entire winter, with an average of 12,000 gallons per week and a maximum loading of 375 Pounds/Day of BOD.

#### 4) Receiving Area

At this time, acceptance of septage waste is on a contractual basis only, and is based on certain criteria as established by the City. These criteria are: 1) Suitable approved pretreatment of the wastes including screening of plastics and other debris and removal of inorganic grit. 2) Acceptance is contingent on the condition of adequate plant capacity to treat the additional loading from such waste. 3) Acceptance during "frozen ground" conditions during which time land application by the septage hauler is not allowed under current Michigan Department of Environmental Quality (MDEQ) regulations. 4) Submittal of a Septage Disposal Permit

Application by any business and/or individuals seeking to dispose of septage waste at the Hart wastewater treatment facility and issuance of a Septage Disposal Permit upon approval by the Wastewater Superintendent and the Hart City Council

#### 5) Sampling of Wastes and Receiving Hours

Samples will be collected on all loads discharged to the Hart WWTP and analyzed for BOD and % Total solids. Receiving hours will be 9:00AM to 2:00PM during the week unless prior arrangements are made in advance. No septage will be received on the weekend unless prior arrangements are made in advance.

#### 6) Special Conditions

The City of Hart and its agents have the sole authority to determine the suitability of incoming septage waste and deny disposal at the Hart WWTP if any physical aspect of the waste violates the specific conditions outlined in the Septage Disposal Permit issued or any adverse impact results from disposal of the wastes at the WWTP.

Blank copies of the City of Hart Septage Waste Disposal Application, Septage Waste Disposal Permit, and Septage Waste Manifest have been included with this Operating Plan.

#### City of Hart, Michigan

#### Oceana County

407 State Street, Hart, MI 49420 231-873-2488 231-873-0100 FAX

#### SEPTAGE DISPOSAL APPLICATION

#### SECTION A - GENERAL INFORMATION

Company Name:		
Owner's Name:		
Address:		
City:		Zip:
Phone:	Alternate Phone: _	
Fax:	Email:	
Primary Company Contact:		
Phone #:	_	
Secondary Company Contact		
Phone #:	_	
MDEQ Septage Hauling Permit Nun	nber:	Expiration Date:

#### SECTION B - FLEET INFORMATION

TRUC	KS OPERATI	ED BY YOU	JR COMPANY	
VIN Number	License Plate #	Decal #	Expiration Date	Tank Volume (Gal)

SECTION C – DRIVER INFORM  Driver Name	MATION  Drivers License  Number	Expiration Date

### SECTION D - OWNER'S STATEMENT AND SIGNATURE

I certify that this application was prepared under my direction or supervision and to the best of my knowledge and belief this application is true, accurate, and complete. I agree to the terms of service stated in ATTACHMENTS A & B as provided with this permit application.

NAME (PRINT)	TITLE
SIGNATURE	DATE

### SEPTAGE WASTE DISCHARGE PERMIT

#### CITY OF HART, MICHIGAN WASTEWATER TREATMENT FACILITY

Permit Identification Number:	
Use Ordinance, the special Permit conditions Federal or State Laws or regulations, permis	nditions of any of the current City of Hart Sewer ons accompanying this Permit, and all applicable ssion is hereby granted to:
NAME OF PERMITTEE:	
ADDRESS:	
CITY, STATE & ZIP	
TELEPHONE NUMBER:	( to a) at the Hart
Westewater Treatment Facility at 208 / No.	or holding tank wastewater (septage) at the Hart rth 88th Street, Hart Michigan.
application, which together with the condi- A, B and C constitute the Septage Waste I period set forth below, may be suspended and is not transferable.	rovided in the Septage Waste Discharge Permit itions and requirements contained in Attachments Discharge Permit. This Permit is effective for the d or revoked for Permit condition noncompliance the Wastewater Treatment Plant office. A copy of ered vehicle used by the Permittee.
-	
PERMITTEE	TREATMENT FACILITY
1 di di di Cionatura	Authorized Signature
Authorized Signature	Brian L. Gifford, WWTP Superintenden
Name & Title	Name & Title
Date	Date

#### ATTACHMENT A

## SEPTAGE WASTE DISCHARGE PERMIT PROGRAM GUIDANCE AND GENERAL PERMIT CONDITIONS

#### VIOLATION OF ANY OF THESE PERMIT CONDITIONS CAN RESULT IN THE SUSPENSION OR REVOCATION OF THE PERMITTEE'S DISPOSAL PRIVILEGES

- 1. **INTRODUCTION**: The City of Hart and its designated representatives ("Owner") has established a program to provide for the environmentally safe, cost effective and convenient disposal of domestic septage, food establishment and holding tank wastewaters (collectively "septage"). Recognizing that the acceptance of septage waste presents certain risks including plant upsets and contamination of sludge, the Owner has developed these guidelines to minimize those risks and protect the facility.
- 2. TYPES OF WASTEWATER ACCEPTED: In general, any wastewater that is 1) nontoxic to the biological process and has no adverse impact on any physical/chemical treatment processes at the wastewater treatment plant ("WWTP"), and 2) is biodegradable and is determined to have no adverse impacts on the WWTP operation and discharge effluent, will be considered for acceptance. Septage can be separated into three categories:
  - a. Normally Acceptable Wastewaters:
    - i. Residential septic tanks
    - ii. Residential holding tanks
    - iii. Commercial holding/septic tanks used for domestic type sanitary wastewater
    - iv. Commercial grease traps wastes when mixed with domestic septage in the ratio of 1 part grease trap wastes to 3 parts domestic septage.
  - b. Conditionally Acceptable Wastewaters, Prior Approval Required (considered on a case by case basis).
    - i. Industrial and commercial wastewaters

All requests for Conditionally Acceptable Wastewaters must include the following:

- i. Description of the process generating the waste
- ii. Expected quantity and frequency
- iii. Test results, including pH, BOD, TSS, TKN, Ammonia NO<sub>2</sub>-NO<sub>3</sub>, cadmium, copper, lead, nickel, zinc, silver, chromium, manganese, and petroleum hydrocarbons (for example btex).

#### ATTACHMENT B

## SEPTAGE WASTE DISCHARGE PERMIT SPECIFIC PERMIT CONDITIONS

#### VIOLATION OF ANY OF THESE PERMIT CONDITIONS CAN RESULT IN THE SUSPENSION OR REVOCATION OF THE PERMITTEE'S DISPOSAL PRIVILEGES

- Septage waste will be accepted from 7:00 am until 2:00 pm, Monday through Friday. Any other time will be by a previously agreed appointment with the Owner's representative.
- 2. The waste inlet connection is an influent splitter box. The Permittee is required to furnish each truck with sufficient hose and any special adapters that may be required.
- 3. Care shall be taken when connecting, disconnecting or unloading to prevent the spillage of any materials around the septage receiving station. It is the responsibility of the Permittee and their employees to leave the septage receiving area in satisfactory condition. If necessary, the area shall be washed down by the Permittee (or their employees) before departing the site.
- 4. The original Septage Permit shall be kept in the Owner's office file. Each registered septage-hauling vehicle shall carry a copy of the Permit at all times. An Owner's representative may request to see the Permit at any time.
- 5. All Permittees shall use a Septage Waste Manifest for each pump-out. All pump-outs must include a completed manifest including:
  - a. Section 1: Wastewater Stream Identification Information indicating volume (in gallons), type and source of septage waste.
  - b. Section 2: Generator of Wastewater Information indicating name, complete address and telephone number for all pump-outs. All manifests must also include the generator's signature.
  - c. Section 3: *Hauler of Septage* Indicating company name, Permit Identification Number, vehicle license number, pump-out date and signature.
  - d. Section 4: Acceptance by Owner An Owner's representative must sign off the manifest for any conditionally approved loads. One copy of the manifest must be left at the wastewater treatment plant ("WWTP").
  - 6. An Owner's representative may request information concerning the origin and nature of the contents of any registered vehicle. In addition, the Permittee shall provide Owner with samples of the wastewater from the vehicle. The Permittee shall comply with all information requests concerning the load. This may include but is not limited to the following information: pick up points, volumes and wastewater characteristics.
  - 7. This permit shall be valid only when all other Federal, State or Local permits required by the Permittee for transporting wastewaters are valid and current. In addition, the Permittee's vehicle insurance shall be kept current. Expired vehicle insurance coverage will result in the revocation of disposal privileges.

- 8. The Permittee shall immediately report in writing to Owner any changes in business name, ownership, address/telephone number, and registered vehicles.
- 9. In the case of multiple pump-outs included in one vehicle load, any part of the load that is prohibited or restricted shall constitute an entire load that is unacceptable for discharge.
- 10. Owner reserves the unconditional right to refuse acceptance of any load or stop an unloading operation in progress at any time. Any Owner employee may unconditionally refuse to accept a load or stop an unloading in progress.
- 11. All vehicles used by the Permittee to haul wastewater shall be registered with Owner. Any vehicle additions, deletions or modifications shall immediately be reported in writing to Owner. The written notification shall include vehicle license number, make and model of vehicles, tank capacity and the nature of the modifications. The use of a registered septage vehicle for the transportation of hazardous materials, liquid petroleum fuels, waste oil, petroleum derivative wastes or corrosives are specifically prohibited.
- 12. The discharge of any materials deemed unacceptable to the operation of the WWTP is strictly prohibited. These wastes include but are not limited to: flammables, explosives, corrosives, or wastes with unacceptable levels of metals. Any violation on the part of the Permittee or their representatives with the conditions of this permit or any portion thereof shall be cause for immediate suspension or revocation of the SW Permit and associated disposal privileges. In addition, such violations shall be cause for legal prosecution by Owner under prevailing law.
- 13. The disposal fee will be based on the current rate per 1000 gallons times the registered usable capacity of the vehicle. Charges will be based on vehicle full load capacity only. Partial loads will be considered as full loads.
- 14. Port-a-john wastewaters are considered to be conditionally acceptable wastewater. Under no circumstances will these wastewaters be accepted if they contain any formalin or formaldehyde based deodorizers. Current material safety data sheets ("MSDS") for all deodorizers used by the Permittee must be kept on file with Owner.
- 15. All payments will be invoiced bi-monthly or monthly from the Owner, with full payment due upon receipt. No septage will be accepted for disposal at the facility if payments more than 30 days past due exist.
- 16. The septage permit is valid for a period of one (1) year from the Effective Date.

#### SEPTAGE WASTE MANIFEST

## CITY OF HART, MICHIGAN WASTEWATER TREATMENT FACILITY

#### **SECTION 1: Wastewater Stream Identification**

Volume, gallons				
Type (Residential, Commercial or Industrial)				
If Waste is <u>Conditionally Acceptable</u> , has prior a YES NO	pproval granted?			
SECTION 2: Generator of Wastewater				
Name Phone Numb	per(s)			
Street Address				
Generator Signature or Authorized Representative				
SECTION 3: Hauler of Septage				
Company Name CH Perm	nit ID Number			
Truck Number Capacity, gallons	Pump Out Date			
Driver Signature				
SECTION 4: Acceptance by Owner				
Owner Representative Signature	Date			
COMMENTS:				